

AMENDMENTS TO THE CLAIMS

1-10. (Canceled)

11. (Currently amended) A transgenic zebrafish comprising a reporter nucleic acid comprising a [[first]] DNA segment consisting of nucleotides 3005-4336 of SEQ ID NO:1 contiguous to nucleotides 1-243 of SEQ ID NO:1, ~~or a second DNA segment which is at least 80% identical to said first DNA segment across nucleotides 3005-3484 of SEQ ID NO:1 and having the same reporter and mRNA terminator function as said first DNA segment.~~

12. (Original) The transgenic zebrafish of Claim 11 which further comprises an induced mutation.

13. (Previously presented) The transgenic zebrafish of Claim 12, wherein the mutation has been induced by chemical mutagenesis.

14. (Previously presented) The transgenic zebrafish of Claim 12, wherein the mutation has been induced by insertional retrovirus mutagenesis.

15-33. (Canceled)